

FIG. 3

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NCSA Mosaicic Neumayer Antarctic Research Station

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Neumayer Antarctic

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The first German Antarctic station "Georg von Neumayer" (7°37'S, 8°22'W) was built in 1981 on the Ekstroem Ice Shelf to serve as scientific observatory for geophysical, meteorological, and air chemistry measurements, as well as a logistical base for summer expeditions.

The new Neumayer Station (70°39'S, 8°15'W), completed in March 1992, continues these activities. The measurement programme is expanded steadily and now includes monitoring of the vertical ozone distribution. Neumayer Station consists of two parallel steel tubes, each 90 meters long and 8 meters in diameter, in which containers are inserted to accommodate living quarters, pantry, kitchen, hospital, laboratories, workshop radio operator's room, sanitation, two energy supply stations, and a snow melting plant. A transverse tube contains storage rooms for supply, waste, and tank containers as well as space for vehicles. A tunnel connects the main station with a special garage for all types of vehicles, from motor

FIG. 4

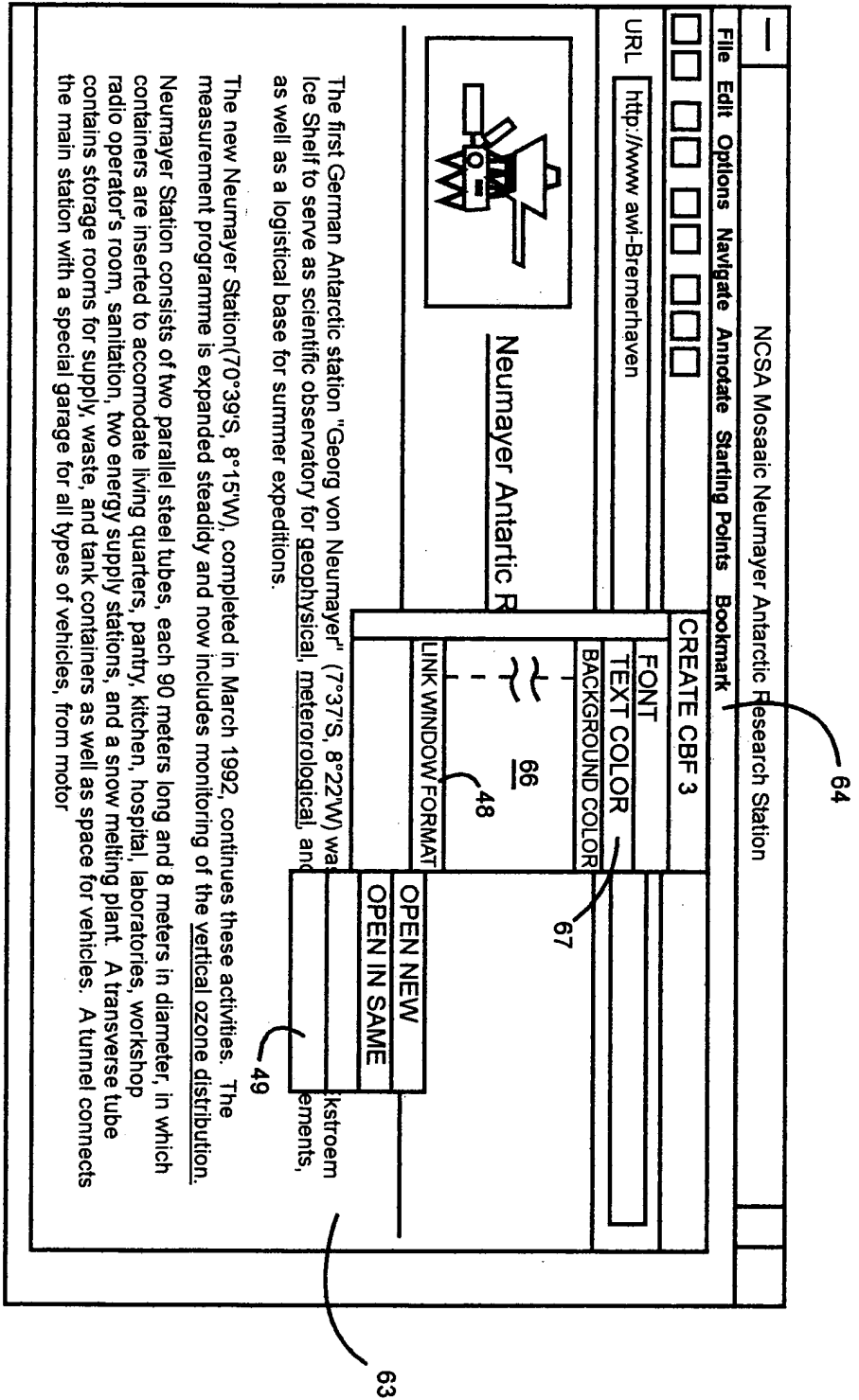


FIG. 5

